



Mountain Valley Pipeline Project – Spread I

Environmental Auditor Quarterly Report for Q2 2020

July 15, 2020

Environmental Auditor Contact Information

Joe Crea, CPESC, CPSWQ
Tetra Tech
661 Anderson Drive, Suite 200
Pittsburgh, Pennsylvania 15220

I. Introduction

The Spread I (portions of Construction spreads 10 and 11) portion of the Mountain Valley Pipeline Project H-600 (Project) within the State of Virginia begins at approximate station 13415+51 in Franklin County and ends at approximate station 16027+46 in Pittsylvania County. The Spread I Project includes right of way for the pipeline, laydown yards (LY-045 & LY-046), additional temporary workspaces (ATWS) and temporary/permanent access roads. This Quarterly Report also includes the Transco Interconnect Station as the environmental inspection staff from Spread I is covering this Project. The spread is located in Franklin and Pittsylvania Counties.

As required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity, MVP has developed Annual Project Specific Standards and Specifications to identify means and methods for controlling erosion and sediment during construction and post construction. MVP currently has Inspection Staff requirements on the Spread I Project to include a Lead Environmental Inspector (LEI) and a team of Environmental Inspectors (EIs). The LEI/EIs, who have obtained the Virginia DEQ ESC/SWM Inspector Certifications are responsible for conducting routine daily inspections and inspecting all temporary BMPs every four business days per Storm Water Pollution Prevention Plan requirements to ensure environmental compliance. These inspections are documented via Visual Site Inspection Reports (VSIRs) and internal/external communication to ensure the repair of all ineffective temporary ESC measures within 24 hours of identification, or as soon as conditions allow if compliance with this time frame would result in greater environmental impacts (provided the VA DEQ concurs). Temporary ESC measures that are still effective but found to be in need of routine maintenance must be maintained within three days, unless an extension is granted by VA DEQ.

The Spread I EIs currently conduct inspections for the following geographical locations:

- Franklin and Pittsylvania Counties
 - 13415+51-16027+46 and the Transco Interconnect Station (includes H-602 and H-603)

No forward construction progress occurred during this reporting period throughout Spread I.

The following portions of the right of way have been permanently restored via final grading and permanent stabilization per the approved Standard and Specification Details and the ESC/Post Construction SWM Plans:

- 13423+00-13496+62
- 13497+12-13526+00
- 13530+87-13541+51
- 13562+88-13575+01
- 13575+42-13632+41
- 13644+97-13655+63
- 13738+72-13746+56
- 13915+75-13949+24
- 14010+91-14018+16
- 14153+54-14171+11
- 14547+02-14550+48
- 14616+75-14657+24
- 14806+16-14830+80
- 15103+58-15103+84
- 15144+54-15146+31
- 15181+09-15209+98
- 15210+56-15220+86
- 15221+36-15259+00
- 15353+48-15370+25

II. Information Reviewed to Prepare Quarterly Report

The Environmental Auditor utilized the following resources to assist with evaluating project compliance from 04/01/2020-06/30/2020 (end of reporting period for Q2 2020):

- MVP Daily Punch Lists (includes VA DEQ findings);
- Environmental Auditor Bi-Weekly Reports;
- Weekly meetings with MVP staff and the Lead Environmental Inspectors (LEIs);
- Stormwater Pollution Prevention Plan VSIRs;
- Spread I Rain Gauge Data;
- Spread I Scatter Sheets (Contractor Available Resources and Daily Work Locations);
- Annual Project Specific Standards and Specifications;
- Oil Discharge Contingency Plan (ODPC) Inspection Reports; and
- Storm Water Pollution Prevention Plans (SWPPPs), Erosion and Sediment Control (E&SC) Plans and Post Construction Stormwater Management (SWM) Plans

The Environmental Auditor was also assisted during report preparation by the MVP staff, the MVP Spread I Environmental Inspection team, the Contractor Environmental team and the Tetra Tech Civil Engineering and Construction Management Departments.

The following sections III. through VI. provide an overall summary from April 1, 2020 through June 30, 2020 (Q2 Reporting Period). **Please refer to the attached Environmental Auditor Bi-Weekly Reports for further detailed information.**

III. Quarterly Summary of Environmental Inspector Observations

Per Table I-1A, the EIs observed at total of 810 items daily punchlist items (includes carry over items from the previous Biweekly Reports) requiring repair/maintenance throughout the Q2 reporting period. Throughout the Q2 reporting period, following prolonged and high intensity/short duration storm events, the Spread I EIs team identified 11 off right of way sediment impacts and one off right of way impact due to a timber mat bridge being dislodged by flooding. The off right of way sediment impacts occurred on 4/13/2020, 4/16/2020, 4/30/2020, 5/20/2020, 5/22/2020 and 6/22/2020. These events did not impact any Environmental Resources. The ESC measures on the right of way were repaired/maintained or enhanced, off right of way sediment was removed and the impacted areas were temporary stabilized where landowner permission was granted. MVP did not receive landowner permission to access and retrieve sediment off the right of way for two locations identified on 4/13/2020. ESC measures were repaired/enhanced within the right of way and no impacts occurred to any Environmental Resources. The temporary bridge crossing damaged by a flooding event on 4/13/2020 at S-E17 (Simmons Creek Road) was repaired and the mats were retrieved upon receiving approval from the Army Corps of Engineers and Landowner. Erosion and sediment control measures identified by the Spread I Environmental Inspection team were communicated to the Contractor Environmental team and repaired/maintained with additional (enhanced) BMPs installed where needed (Refer to Section VI. Environmental Auditor Observations and Recommendations for further discussion).

During this reporting period, the Environmental Auditor noted 15 items identified by the EIs as ESC measures damaged due to impacts caused by third parties (includes cattle). The ESC measures were subsequently repaired/maintained within the required timeframe.

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table I-1A provides a summary of maintenance/repair items identified by the EIs throughout the Q2 reporting period:

Table I-1A

Spread I Environmental Inspector Observations: April 1, 2020 – June 30, 2020				
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties
April	*311	0	9	2
May	*297	0	2	8
June	*202	0	1	5

* Includes Carry Over Items from previous Biweekly Reports

The EIs conducted a total of 192 SWPPP inspections and provided respective VSIRs throughout the Q2 reporting period. Items identified during the SWPPP inspections were communicated to the Contractor Environmental team and either addressed the same day and/or added to the MVP Daily Punchlist. Upon review of the SWPPP VSIRs and MVP Daily Punchlists, it appears that the EIs' observations were communicated to the contractor and noted issues were maintained/repared within the DEQ approved timeframe (24 hours/Three Days or as extended by DEQ authorization).

The MVP ODCP inspectors conducted weekly site inspections at Laydown Yard 045/46 from 4/1/2020-6/30/2020. Twenty-two inspections were conducted in April, twenty-two inspections were conducted in May and twenty-two inspections were conducted in June. No action items were noted during the Q2 reporting period.

An approximate total of 29 recordable rainfall events occurred during the Q2 reporting period. Prolonged storm events coupled with intervals of high intensity/short duration rainfall and sporadic high intensity/short duration events occurred from 4/12/2020 through 4/15/2020 (approx. 4.4"), 5/18/2020 through 5/22/2020 (approx. 11.55") and 6/14/2020 through 6/20/2020 (approx. 8.5").

Due to these events, off right of way sediment impacts occurred on 4/13/2020, 4/16/2020, 4/30/2020, 5/20/2020, 5/22/2020 and 6/22/2020 and a temporary bridge was damaged during a flooding event on 4/13/2020.

These events did not impact Environmental Resources (Refer to Section VI. Environmental Auditor Observations and Recommendations for further discussion).

Due to the frequency/intensity of the prolonged precipitation events coupled with saturated conditions, vehicles/equipment were not able to access the right of way to conduct repair/maintenance within the allotted timeframes and required several extension requests to be submitted to DEQ. Temporary ESC measures that could be implemented via foot traffic were installed in the interim. No environmental resources were impacted by these events.

Based on rainfall gauge data provided by the Spread I EIs, the following Table I-1B provides a summary of monthly recorded rainfall dates, amounts based on lowest to highest rates, and estimated duration for each event throughout the Q2 reporting period:

Table I-1B

Spread I Rainfall and Duration Rates: April 1, 2020 – June 30, 2020					
April		May		June	
Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration	Date Recorded	Rainfall and Approximate Duration
4/1/2020	0.6"-1.0" – 18 Hours *Rainfall began on 3/31/2020	5/6/2020	0.1"-0.7" – 10 Hours *Rainfall occurred on 5/5/2020	6/5/2020	0.0"-0.7" – 1 Hour *Rainfall occurred late on 6/4/2020
4/9/2020	0.1"-0.8" – 2 Hours	5/19/2020	1.5"-3.0" – 9 Hours *Rainfall began on 5/18/2020	6/6/2020	0.0"-1.25" – 1.5 Hours *Rainfall occurred late on 6/5/2020
4/13/2020	1.0"-4.0" – 14 Hours *Rainfall began on 4/12/2020	5/20/2020	1.2"-3.0" – 24 Hours *Additional rainfall from 5/19/2020	6/11/2020	0.0"-1.0" – 2 Hours *Sporadic showers occurred late 6/10/2020
4/15/2020	Trace-0.4" – 5 Hours *Rainfall occurred overnight on 4/14/2020	5/21/2020	1.5"-3.25" – 24 Hours *Additional rainfall from 5/20/2020	6/15/2020	0.0"-0.6" – 4 Hours *Rainfall occurred on 6/14/2020
4/20/2020	0.4"-0.6" – 7.5 Hours *Rainfall occurred on 4/19/2020	5/22/2020	1.2"-2.0" – 24 Hours *Additional rainfall from 5/21/2020	6/16/2020	0.4"-1.3" – 24 Hours *Rainfall began on 6/15/2020
4/24/2020	0.3"-0.5" – 8 Hours	5/23/2020	Trace-0.3" – 1 Hour *Additional rainfall from 5/22/2020	6/17/2020	2.1"-3.5" – 24 Hours *Additional rainfall from 6/16/2020
4/26/2020	0.7"-1.25" – 16 Hours *Rainfall occurred from 4/25/2020-4/26/2020	5/25/2020	0.0"-1.0" – 5 Hours *Rainfall occurred on 5/24/2020	6/18/2020	1.0"-1.6" – 6 Hours *Additional rainfall from 6/17/2020
4/30/2020	1.8"-2.9" – 7 Hours *Rainfall began on 4/29/2020 with approximately 3.5 hours of high intensity/short duration rainfall.	5/28/2020	0.5"-1.25" – 6 Hours *Rainfall occurred late 5/27/2020	6/19/2020	0.1"-1.5" – 24 Hours *Additional rainfall from 6/18/2020
		5/29/2020	0.0"-0.4" – 2 Hours *Rainfall occurred late 5/28/2020	6/20/2020	0.0"-1.5" – 4 Hours *Additional rainfall from 6/19/2020 with heavier rainfall during a 30- minute interval
				6/22/2020	0.0"-0.2" – 6 Hours *Rainfall began late 6/21/2020
				6/23/2020	0.0"-0.5" – 10 Minutes *Rainfall occurred late 6/22/2020 and recorded at one rain gauge
				6/24/2020	0.0"-0.4" – 1 Hour *Rainfall occurred on 6/23/2020

IV. Quarterly Summary of VA DEQ Observations

Per Table I-1C, the VA DEQ Inspectors observed a total of 125 items requiring repair/maintenance throughout the Q2 reporting period. During inspections following prolonged and high intensity/short duration rainfall events noted in Section III., 10 off right of way sediment impacts within upland areas were observed on 4/14/2020, 4/22/2020, 4/27/2020, 5/4/2020 and 5/26/2020. These events did not impact Environmental Resources. The ESC measures on the right of way were repaired/maintained or enhanced, off right of way sediment was removed and the impacted areas were temporary stabilized where landowner permission was granted. One location identified on 4/14/2020 did not receive landowner permission and is restricted to access. Erosion and Sediment Control measures were repaired/enhanced within the right of way and no impacts occurred to Environmental Resources (Refer to Section VI. Environmental Auditor Observations and Recommendations).

Due to the frequency/intensity of prolonged precipitation events coupled with saturated conditions, vehicles/equipment were not able to be utilized to conduct repair/maintenance within the allotted timeframes and required extension requests to be submitted to DEQ. Temporary ESC measures that could be implemented via foot traffic without compromising the safety of the Contractor personnel were installed in the interim.

Based on the MVP Punchlist data and the Environmental Auditor's Bi-Weekly Reports, the following Table I-1C provides a summary of maintenance/repair items identified by the VA DEQ Inspectors throughout the Q2 reporting period:

Table I-1C

Spread I VADEQ Observations: April 1, 2020 – June 30, 2020				
Monthly Observation	Total Number Observations	Environmental Resource Impact	Off Right of Way Impact	Right of Way Impacts Caused by Third Parties
April 2020	*59	0	7	0
May 2020	*51	0	3	0
June 2020	15	0	0	0

* Includes Carry Over Items from previous Biweekly Reports

V. Quarterly Summary of Landowner/Third Party Issues

The Environmental Auditor noted that no formal landowner complaints occurred for Spread I during the Q2 reporting period.

VI. Quarterly Summary of Environmental Auditor Observations and Recommendations

Per Table I-1D, the Environmental Auditor conducted 105 site evaluations during the Q2 reporting period. The Environmental Auditor observed locations where ESC measures required repair/maintenance and recommended enhancing existing or installing additional ESC measures as necessary to minimize erosion and sediment impacts. During the reporting period, the Environmental Auditor communicated observations and recommendations with the Spread I LEI, Contractor Environmental team and MVP staff. Repair/Maintenance items were added to the respective MVP Daily Punchlists and those items were addressed within the required timeframes. The recommendations for the installation of additional ESC measures pertained to runoff control measures via temporary stabilization (seeding, mulching, soil stabilization blanket) and enhanced sediment control BMPs to minimize the potential for accelerated erosion during runoff events. Most recommendations have been addressed where necessary. The Spread I Environmental Inspection staff are monitoring locations where other recommendations were made for installing additional ESC measures. The recommended additional ESC measures will be installed as deemed necessary by the Spread I Environmental Inspection staff. The Environmental Auditor continues to monitor these areas.

The Environmental Auditor evaluated areas where off right of way impacts occurred during the rainfall events noted in Sections III and Section IV of this report and provided recommendations to install additional (enhanced) ESC measures. The Environmental Auditor provided recommendations related to the installation of additional runoff/erosion control measures that included seeding and mulching, soil stabilization blanket, stone, compost filter sock (CFS) check dams and additional waterbars where needed. Recommendations were also communicated pertaining to sediment controls (sumps, CFS and silt fence). The recommendations were observed to be implemented by the Contractor Environmental team with oversight from the Spread I Environmental Inspection team. During ESC installation activities, the Contractor Environmental team communicated with the Environmental Auditor as needed to ensure proper installation was achieved. The Environmental Auditor recommends continuing to monitor areas where potential issues may result in accelerated erosion and offsite sedimentation and implement the appropriate ESC measures. The Environmental Auditor continues to monitor locations throughout the Spread I right of way especially where ESC measures may need to be replaced due to degradation from long term use.

The following Table I-1D provides a summary of the monthly total number of observations (site evaluations) conducted by the Environmental Auditor throughout the Q2 reporting period.

Table I-1D

Environmental Auditor Field Observations	
Month	Total Observations
April	26
May	41
June	38

VII. Conclusion(s)

Per Section IV. (b) (1) of the Consent Decree the Environmental Auditor conducted site evaluations, evaluated Daily Punchlists, VSIR/SWPPP reports and communicated with the Lead Environmental Inspector/ Environmental Inspectors and has concluded the following for the Spread I Project:

- The Best Management Practices for the Project have been implemented in accordance with MVP’s Project Specific Annual Standards and Specifications, Erosion and Sediment Control Plans and Stormwater Management Plans;
- The temporary ESC measures were properly installed, inspected, and maintained; and
- All ineffective temporary ESC measures observed by the Environmental Inspectors/Environmental Auditor were repaired and ESC measures in need of routine maintenance were maintained within the timeframes required by MVP’s Annual Standards and Specifications or as otherwise provided in the Consent Decree.

Based on the aforementioned observations, the resources available and deployed in the field, including EIs and the construction contractor, were sufficient to regularly and consistently conduct routine maintenance and/or repair ineffective ESC measures in a timely manner throughout the Q2 reporting period.

In accordance with Section IV.a of the Consent Decree, the Environmental Auditor concludes that all alleged instances of non-compliance with MVP’s Annual Standards and Specifications, MVP’s Site-Specific ESC and SWM Plans, and Clean Water Act Section 401 Water Quality Certification No. 17.001 addressed in the Consent Decree that are within MVP’s power to correct have been corrected. As DEQ is aware, there are several instances noted in the Q4 2019 and Q1 2020 Reports in which sediment has left the ROW but MVP’s requests for landowner permission to take corrective measures have been denied.

Report Period Ending: 4/5/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 24 conducted from 3/23/2020 through 4/5/2020 (includes Transco Interconnect Station/H-602/H-603)

Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (3/23/2020 through 4/5/2020): 31

Total Number of ODCP Inspections at Laydown Yard 045/046 : 5 (3/23/2020 through 3/27/2020); 5 (3/30/2020 through 4/3/2020)

Total Number of VA DEQ Observations (3/23/2020 through 4/5/2020): 15

Total Number of Landowner Complaints: 0

Total Number of Right of Way Impacts Caused by Third Parties: 0

Total Number of Off Right of Way Impacts: 0

Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0

Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 3/23/2020 through 4/5/2020.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/24/2020	Trace-0.2" - 4 Hours *Rainfall occurred on 3/23/2020	5				5		1 on 3/25/2020	4 on 3/25/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/25/2020	0.8"-1.0" - 14 Hours *Rainfall occurred from 3/24/2020-3/25/2020	5				5		1 on 3/26/2020	4 on 3/26/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/26/2020		7				7			7 on 3/27/2020	Seven items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/27/2020		3				3			3 on 3/27/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/30/2020		2				2		1 on 3/31/2020	1 on 3/31/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/31/2020		3				3		1 on 4/1/2020	1 on 3/31/2020 1 on 4/1/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/1/2020	0.6"-1.0" - 18 Hours *Rainfall began on 3/31/2020	2				2			1 on 4/1/2020 1 on 4/2/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/3/2020		4				4				Four items were identified requiring ESC repair/maintenance and have three days to complete.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
3/26/2020	0.8"-1.0" - 14 Hours *Rainfall occurred from 3/24/2020-3/25/2020	3				3		1 on 3/27/2020	2 on 3/27/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/27/2020		2				2			2 on 3/27/2020	Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
3/30/2020		1				1			1 on 3/30/2020	One item was identified requiring ESC repair/maintenance and was completed within the required timeframe.
4/1/2020	0.6"-1.0" - 18 Hours *Rainfall began on 3/31/2020	9				9		2 on 4/1/2020	7 on 4/1/2020	Nine items were identified requiring ESC repair/maintenance and were completed within the required timeframe.

LANDOWNER REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
3/23/2020	The Environmental Auditor conducted site evaluations at the following locations: Angle Plantation Road (CIS/GAS), Jones Mill Road (CIS/GAS), US-220 (CIS) and Iron Ridge Road (GAS)	The Environmental Auditor observed ESC measures installed and functional at the time of the evaluations.	
3/25/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Connection, Mill Creek Road/MVP-PI-340 (GAS) and Anderson Mill Road #1(CIS)	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.	
3/30/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Road (CIS), Booker T. Washington Hwy. (GAS) and Longwood Road (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.	
4/2/2020	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS/GAS), Iron Ridge Road (GAS) and Foggy Ridge Road/MVP-FR-305 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.	
4/3/2020	The Environmental Auditor conducted site evaluation at Cahas Mountain Road #1 (GAS).	The Environmental Auditor observed ESC measures installed and functional at the time of the evaluations.	
3/23/2020-4/5/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 4/19/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 36 conducted from 4/6/2020 through 4/19/2020 (includes Transco Interconnect Station/H-602/H-603)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (4/6/2020 through 4/19/2020): 243										
Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (4/6/2020 through 4/10/2020); 5 (4/13/2020 through 4/17/2020)										
Total Number of VA DEQ Observations (4/6/2020 through 4/19/2020): 17										
Total Number of Landowner Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 2										
Total Number of Off Right of Way Impacts: 13 (4/12/2020-4/13/2020 event at impacted areas was approximately 1.0"-4.0" with intervals of high intensity/short duration events followed by a subsequent precipitation event on 4/14/2020). No Environmental Resources were impacted. (One impact was caused by flood waters dislodging timber mats at Simmons Creek Road. A portion of the timber mats were subsequently retrieved and several remaining timber mats off right of way are awaiting Army Corps of Engineers approval to retrieve).										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 4/6/2020 through 4/19/2020.										
ENVIRONMENTAL INSPECTOR OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/6/2020		5				5			1 on 4/6/2020 4 on 4/7/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/7/2020		3			1	2		1 on 4/8/2020	2 on 4/8/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the identified items was a result of impacts caused by third parties.
4/8/2020		5			1	4		1 on 4/9/2020	4 on 4/9/2020	Five items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of the identified items was a result of impacts caused by third parties (livestock).
4/9/2020	0.1"-0.8" - 2 Hours	1				1			1 on 4/10/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/10/2020		3				3			3 on 4/13/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/13/2020	1.0"-4.0" - 14 Hours *Rainfall began on 4/12/2020 with intervals of High Intensity/Short Duration events	60		5		55	1 on 4/16/2020 to be completed on 4/19/2020	12 on 4/13/2020 22 on 4/14/2020	23 on 4/14/2020 1 on 4/15/2020 *1 on 4/16/2020 (Temporary Bridge repaired) 1 on 4/17/2020 (Ext. Request)	Sixty items were identified requiring ESC repair/maintenance and were completed within the required timeframe. One of those items received an extension. Four of the items were identified as off right of way sediment impacts approximately 10-feet off the right of way within upland areas. The Environmental Auditor confirmed with the LEI that cleanup occurred at two locations and two are restricted access. ESC measures have been repaired/maintained on the right of way where off right of way impacts occurred at restricted access locations. No resources were impacted. *One of the identified off right of way items was damage to a temporary bridge crossing due to localized flooding. The temporary bridge was repaired. Several timber mats washed downstream and are awaiting Army Corps of Engineers approval to retrieve them.
4/14/2020		95				95		12 on 4/14/2020 23 on 4/15/2020	8 on 4/14/2020 50 on 4/15/2020 *1 on 4/15/2020 (Bridge Damage) 1 on 4/16/2020	Ninety-five items were identified requiring ESC repair/maintenance and were completed within the required timeframe. *One of the items was identified as damage to a temporary bridge crossing due to localized flooding. The temporary bridge crossing was repaired on 4/15/2020.
4/15/2020	Trace-0.4" - 5 Hours *Rainfall occurred overnight on 4/14/2020	41				41		3 on 4/15/2020 21 on 4/16/2020	3 on 4/15/2020 14 on 4/16/2020	Forty-one items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/16/2020		22		3		19		4 on 4/16/2020 7 on 4/17/2020 *2 are partial completions regarding ESC repair/maintenance within the right of way at off right of way impact locations	4 on 4/16/2020 7 on 4/17/2020	Twenty-two items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Three items were identified as off right of way sediment impacts approximately 10-feet off the right of way within upland areas. The Environmental Auditor confirmed with the LEI that ESC measures have been repaired/maintained where off right of way impacts occurred. Cleanup will occur upon Land Owner approval. No resources were impacted.
4/17/2020		8				8			1 on 4/17/2020 6 on 4/18/2020	Eight items were identified requiring ESC repair/maintenance and 7 were completed within the required timeframe. The remaining one item has three days to complete.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/7/2020		1				1		1 on 4/7/2020		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/8/2020		1				1			1 on 4/8/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/13/2020	1.0"-4.0" - 14 Hours *Rainfall began on 4/12/2020 through 4/13/2020 with intervals of High Intensity/Short Duration events	3				3		1 on 4/13/2020	1 on 4/13/2020 1 on 4/16/2020	Three items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
4/14/2020	1.0"-4.0" - 14 Hours *Rainfall began on 4/12/2020 through 4/13/2020 with intervals of High Intensity/Short Duration events	10		5		5		6 on 4/14/2020 4 on 4/15/2020 (*2 of the items are restricted access and ESC measures have been repaired)		Ten items were identified requiring ESC repair/maintenance and 5 of the items were identified as offsite sediment impacts (approximately 10-feet off right of way within upland areas). Erosion and sediment control measures were repaired/maintained within the required timeframe. The Environmental Auditor confirmed with the LEI that clean up occurred at three of the locations and two areas are restricted access. ESC measures have been repaired/maintained on the right of way where off right of way impacts occurred at restricted access locations. No resources were impacted.
4/15/2020	Trace-0.4" - 5 Hours *Rainfall occurred overnight on 4/14/2020	2				2		1 on 4/15/2020 1 on 4/16/2020		Two items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS			
4/8/2020	The Environmental Auditor conducted site evaluations at the following locations: Iron Ridge Road (CIS/GAS) and Foggy Ridge Road (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair.			
4/10/2020	The Environmental Auditor conducted site evaluations at the following locations: Golden View Road (CIS/GAS); MVP-FR-313 (GAS) and US-220 (CIS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.			
4/13/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS); Bonbrook Mill Road #2 (CIS); Brick Church Road (GAS) and Brick Church Road (CIS)/MVP-FR-300/ATWS 569A						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair.			
4/16/2020	The Environmental Auditor conducted site evaluations at the following locations: Mill Creek Road (CIS/GAS); Riddle Road (GAS) and Snow Creek Road (GAS)/MVP-FR-324.						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the Lead Environmental Inspector (LEI) regarding observations and recommendations where ESC measures required maintenance/repair.			
4/6/2020-4/19/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
REQUIRED FINDINGS AND CONCLUSIONS										
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).								
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?		Yes								
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?		Yes								
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?		Yes								

Report Period Ending: 5/3/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: **24** conducted from 4/20/2020 through 5/3/2020 (includes Transco Interconnect Station/H-602/H-603)
 Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (4/20/2020 through 5/3/2020):**81** (includes Carry Over items)
 Total Number of ODCP Inspections at Laydown Yard 045/46 : **5** (4/20/2020 through 4/24/2020); **5** (4/27/2020 through 5/1/2020)
 Total Number of VA DEQ Observations (4/20/2020 through 5/3/2020): **38**
 Total Number of Landowner/Third Party Reported Complaints: **0**
 Total Number of Right of Way Impacts Caused by Third Parties: **0**
 Total Number of Off Right of Way Impacts: **3** (The 4/22/2020 impact was due to a rainfall event recorded on 4/20/20 with a total of 0.5" over a 7 hour duration. The 4/27/2020 impact was due to a rainfall event from 4/26/2020 with a total of 0.7"-1.25" over a 16 hour duration. The 4/30/2020 impact was due to a rainfall event from 4/29/2020 with approximately 2.2" over a 7 hour duration. Approximately 3.5 of the 7 hours experienced high intensity/short duration rainfall). **No Environmental resources were impacted.** Refer to Environmental Auditor Field Observations and Recommendations below.
 Total Number of Environmental Resource Impacts: **0**
 Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree:**0**
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 4/20/2020 through 5/3/2020.

CARRY OVER ITEMS FROM 2/13/2020 AND BI-WEEKLY REPORT ENDING 4/19/2020

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
2/13/2020	0.5"-1.0" - 18 Hours *Additional Rainfall from 2/12/2020	1		1			1 on 2/14/2020 to be completed upon Landowner Approval	1 on 4/22/2020 (Ext. Request Received Landowner Approval)		One item was identified requiring off right of way sediment removal and was completed upon landowner approval to conduct activities off right of way. ESC measures have been installed and functional within the right of way, offsite sediment has been removed and the impacted area is stabilized.
4/14/2020	1.0"-4.0" - 14 Hours *Rainfall began on 4/12/2020 with intervals of High Intensity/Short Duration events	1		1			1 on 4/14/2020 to be completed upon Landowner Approval	1 on 4/22/2020 (Ext. Request Received Landowner Approval)		One item was identified requiring off right of way sediment removal and was completed upon landowner approval to conduct activities off right of way. ESC measures have been installed and functional within the right of way, offsite sediment has been removed and the impacted area is stabilized.
4/16/2020		2		2			2 on 4/16/2020 to be completed upon Landowner Approval	2 on 4/21/2020 (Ext. Request Received Landowner Approval)		Two items were identified requiring off right of way sediment removal and were completed upon landowner approval to conduct activities off right of way. Additional ESC measures were installed on 4/17/2020. Offsite sediment has been removed and the impacted areas are stabilized. During cleanup and stabilization for one of the identified offsite impact areas, the Environmental Inspector discovered additional pockets of sediment further downhill within an upland area. All deposited sediment has been removed and the impacted area has been stabilized per onsite verification by the Environmental Auditor.
4/17/2020		1				1	1 on 4/20/2020 to be 100% completed when right of way conditions allow for equipment		1 on 4/21/2020 (Ext. Request)	One item was identified requiring equipment to complete the action item and completed upon drier conditions within the right of way per extension request approval. The original sediment control was identified as deteriorating and remained functional until it was replaced.

ENVIRONMENTAL INSPECTOR OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/20/2020	0.4"-0.6" - 7.5 Hours *Rainfall began on 4/19/2020	1				1		1 on 4/21/2020		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/21/2020		3				3		1 on 4/22/2020	2 on 4/22/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
4/22/2020		2				2		1 on 4/22/2020	1 on 4/22/2020	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
4/24/2020	0.3"-0.5" - 8 Hours	1				1			1 on 4/27/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/27/2020	0.7"-1.25" - 16 Hours *Rainfall occurred from 4/25/2020 through 4/26/2020	16				16		2 on 4/27/2020 4 on 4/28/2020	3 on 4/27/2020 7 on 4/28/2020	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
4/28/2020		10				10		2 on 4/28/2020	2 on 4/28/2020 6 on 4/29/2020	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
4/30/2020	1.8"-2.9" - 7 Hours *Rainfall began on 4/29/2020 with approximately 3.5 hours of high intensity/short duration rainfall.	24		1		23		1 on 4/30/2020 7 on 5/1/2020	16 on 5/1/2020	Twenty-four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was identified as an offsite sediment impact approximately 10-feet off of the right of way within an upland area. Erosion and Sediment Control measures were repaired/augmented and offsite sediment cleanup and stabilization occurred. No resources were impacted.
5/1/2020		19				19		2 on 5/1/2020	15 on 5/1/2020	Nineteen items were identified requiring ESC repair/maintenance. Seventeen of the items were completed in the required timeframe and two of the remaining items have three days to complete.
VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/20/2020	0.4"-0.6" - 7.5 Hours *Rainfall began on 4/19/2020	1				1		1		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/21/2020		9				9		4 on 4/21/2020 2 on 4/22/2020	3 on 4/21/2020	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe.
4/22/2020		6		1		5		2 on 4/22/2020 1 on 4/23/2020	2 on 4/22/2020 1 on 4/23/2020	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was identified as an offsite sediment impact approximately 5-feet off of the right of way within an upland area. Erosion and Sediment Control measures were repaired/augmented and offsite sediment cleanup and stabilization occurred. No resources were impacted.
4/24/2020	0.3"-0.5" - 4 Hours	1				1		1 on 4/24/2020		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
4/27/2020	0.7"-1.25" - 16 Hours *Rainfall occurred from 4/25/2020 through 4/26/2020	9		1		8		6 on 4/27/2020	2 on 4/27/2020 1 on 4/28/2020	Nine items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was identified as an offsite sediment impact approximately 20-feet off of the right of way within an upland area. Erosion and Sediment Control measures were repaired/augmented and offsite sediment cleanup and stabilization occurred. No resources were impacted.
4/28/2020		7				7		4 on 4/28/2020	3 on 4/28/2020	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/1/2020		5				5		2 on 5/1/2020	2 on 5/1/2020	Five items were identified requiring ESC repair/maintenance. Four of the items were completed in the required timeframe and one remaining item has three days to complete.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
4/23/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Foggy Ridge Road (CIS), Brick Church Road (CIS) and Grassy Hill Road (CIS).	The Environmental Auditor observed ESC measures to be installed and communicated with the LEI regarding installation guidelines related to BMP installation.	
4/27/2020	The Environmental Auditor conducted site evaluations at the following locations: Jones Mill Lane (CIS/GAS), Angle Plantation Road (CIS) and Bonbrook Mill Road #2 (CIS).	The Environmental Auditor observed ESC measures to be installed and functional. The Environmental Auditor reviewed locations where off right of way impacts occurred and provided recommendations to enhance ESC measures to minimize future impacts.	
4/28/2020	The Environmental Auditor conducted site evaluations at the following locations: Armstrong Road (CIS/GAS), Listening Hill Road (CIS), Simmons Creek Road (CIS) and Bonbrook Mill Road #2 (GAS).	The Environmental Auditor observed ESC measures to be installed and functional. The Environmental Auditor reviewed locations where off right of way impacts occurred and provided recommendations to enhance ESC measures to minimize future impacts.	
5/1/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station, Mill Creek Road (GAS), Riddle Road (GAS) and Anderson Mill Road #1 (CIS).	The Environmental Auditor observed ESC measures to be installed and functional. The Environmental Auditor reviewed locations where off right of way impacts occurred and provided recommendations to enhance ESC measures to minimize future impacts.	
4/20/2020-5/3/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

Report Period Ending: 5/17/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 36 conducted from 5/4/2020 through 5/17/2020 (includes Transco Interconnect Station/H-602/H-603)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (5/4/2020 through 5/17/2020): 87 (includes Carry Over items)										
Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (5/4/2020 through 5/8/2020); 5 (5/11/2020 through 5/15/2020)										
Total Number of VA DEQ Observations (5/4/2020 through 5/17/2020): 37										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 2										
Total Number of Off Right of Way Impacts: 2 (One of the items was due to displaced timber mats as a result flash flooding and the other item was due to runoff travelling through a denuded flow path from a waterbar sump discharge. The denuded area was subsequently stabilized). No Environmental Resources were impacted and recommendations were communicated by the Environmental Auditor to enhance the ESC measures near the impacted areas to minimize future potential for erosion and sedimentation impacts. The Environmental Auditor conducted a follow up evaluation and observed additional ESC measures installed and functional.										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 5/4/2020 through 5/17/2020.										
CARRY OVER ITEMS FROM 5/3/2020										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/1/2020		3				3			3 on 5/4/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
ENVIRONMENTAL INSPECTOR OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/4/2020		21				21		4 on 5/4/2020 2 on 5/5/2020	2 on 5/4/2020 12 on 5/5/2020 1 on 5/6/2020	Twenty-One items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/5/2020		6				6			6 on 5/6/2020	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/6/2020	0.1"-0.7" - 10 Hours *Rainfall occurred on 5/5/2020	7				7			7 on 5/7/2020	Seven items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/7/2020		5			1	4		1 on 5/8/2020	4 on 5/8/2020	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was due to impacts caused by third parties.
5/8/2020		3				3		2 on 5/8/2020	1 on 5/8/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/11/2020		20			1	19		7 on 5/12/2020	4 on 5/11/2020 7 on 5/12/2020 1 on 5/13/2020 1 on 5/14/2020	Twenty items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was due to impacts caused by third parties.
5/12/2020		4				4			1 on 5/13/2020 3 on 5/14/2020	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/13/2020		4				4			4 on 5/13/2020	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/14/2020		10				10			10 on 5/15/2020	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/15/2020		4				4		1 on 5/15/2020		Four items were identified requiring ESC repair/maintenance. One 24-hour item was completed within the required timeframe and the remaining three items have three days to be completed.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/4/2020		10		2		8		4 on 5/4/2020 1 on 5/5/2020	5 on 5/4/2020	Ten items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the items were identified as upland offsite impacts. One of the impacted areas appeared to be a previously denuded area where runoff has prevented vegetated growth. This area was subsequently stabilized via seed and mulch. The other item was identified as an off right of way sediment impact approximately 25-feet off the right of way in an upland area. Erosion and sediment control measures were repaired/maintained and offsite sediment was retrieved and the impacted area was stabilized. No Environmental Resources were impacted.
5/6/2020	.10"-.70" - 10 Hours *Rainfall occurred on 5/5/2020	4				4		1 on 5/6/2020	2 on 5/6/2020 1 on 5/7/2020	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/7/2020		8				8		3 on 5/8/2020	5 on 5/8/2020	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/8/2020		8				8		3 on 5/8/2020	5 on 5/8/2020	Eight items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/11/2020		5				5		3 on 5/12/2020	2 on 5/12/2020	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/14/2020		2				2			1 on 5/14/2020 1 on 5/15/2020	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS					CONCLUSION AND RECOMMENDATIONS				
5/4/2020	The Environmental Auditor conducted site evaluations at the following locations: Brick Church Road (CIS/GAS), Iron Ridge Road (GAS), Foggy Ridge Road/MVP-FR-305 (GAS) and US-220 (CIS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair.				
5/5/2020	The Environmental Auditor conducted site evaluations at Webster Road (CIS/GAS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.				
5/6/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Road (CIS/GAS), Museville Road (GAS), and Star Land Drive (CIS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.				
5/11/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect (includes H-602), Chalk Level Road (GAS/CIS), Mill Creek Road/MVP-PI-340 (GAS) and Riddle Road (GAS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.				
5/12/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Road (GAS), Anderson Mill Road #2(GAS), Anderson Mill Road #1 (GAS) and Museville Road (GAS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.				
5/14/2020	The Environmental Auditor conducted site evaluations at US-220 (CIS) and Bonbrook Mill Road #2 (CIS/GAS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.				
5/15/2020	The Environmental Auditor conducted site evaluations at Bar Ridge Road (GAS) and Listening Hill Road (CIS/GAS).					The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.				
5/4/2020-5/17/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.					The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.				
REQUIRED FINDINGS AND CONCLUSIONS										
		Yes/No	If No, provide explanation and recommendation for corrective action (if any).							
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?		Yes								
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?		Yes								
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?		Yes								

Report Period Ending: 5/31/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS

Total Number of SWPPP Inspections: 24 conducted from 5/18/2020 through 5/31/2020 (includes Transco Interconnect Station/H-602/H-603)
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (5/18/2020 through 5/31/2020): 191 (includes Carry Over Items)
Total Number of ODCP Inspections at Laydown Yard 045/46 : 6 (5/18/2020 through 5/23/2020); 5 (5/24/2020 and 5/26/2020 through 5/29/2020)
Total Number of VA DEQ Observations (5/18/2020 through 5/31/2020): 9
Total Number of Landowner/Third Party Reported Complaints: 0
Total Number of Right of Way Impacts Caused by Third Parties: 6
Total Number of Off Right of Way Impacts: 3 (The 5/20/2020 event at the impacted area had approximately 5.1" of continuous rainfall from 5/18/2020. The 5/22/2020 event at the impacted area had approximately 6+ of continuous rainfall from 5/18/2020. The 5/26/2020 event at the impacted area had approximately 7.6" of continuous rainfall from 5/18/2020). No Environmental Resources were impacted.
Total Number of Environmental Resource Impacts: 0
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 5/18/2020 through 5/31/2020.

CARRY OVER ITEMS FROM 5/17/2020

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/15/2020		3				3			3 on 5/18/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/18/2020		6				6	4 on 5/21/2020 to be completed on 5/24/2020, 5/27/2020 and 6/2/2020	1 on 5/18/2020	1 on 5/19/2020	Six items were identified requiring ESC repair/maintenance and two were completed within the required timeframe. Four of the items received multiple extensions due to wet conditions throughout the right of way inhibiting required heavy equipment access. Temporary repairs were conducted and enhanced ESC measures were installed in the interim.
5/19/2020	1.5"-3.0" - 9 Hours *Rainfall began on 5/18/2020	2				2		1 on 5/19/2020	1 on 5/19/2020	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
5/20/2020	1.2"-3.0" - 24 Hours *Additional rainfall from 5/19/2020	6		1		5	4 on 5/21/2020 to be completed on 5/26/2020 and 5/27/2020 (2 of the items received additional extensions to be completed on 6/2/2020)		2 on 5/20/2020 1 on 5/24/2020 (Ext. Request) 1 on 5/26/2020 (Ext. Request)	Six items were identified requiring ESC repair/maintenance and two were completed within the required timeframe. Four of the remaining items received extensions and two were completed within the required timeframe. Two remaining items received additional extensions due to wet conditions throughout the right of way inhibiting required heavy equipment access. Temporary repairs were conducted and additional ESC measures were installed in the interim. One of the items was identified as an off right of way impact where discharge from the right of way caused erosion within the landowner's access road. The eroded area was repaired and no Environmental Resources were impacted.
5/21/2020	1.5"-3.25" - 24 Hours *Additional rainfall from 5/20/2020	5				5	2 on 5/24/2020 to be completed on 5/27/2020 and 5/30/2020 (1 of the items received an additional extension to be completed on 6/2/2020)	1 on 5/22/2020	2 on 5/21/2020 1 on 5/28/2020 (Ext. Request)	Five items were identified requiring ESC repair/maintenance and three were completed within the required timeframe. Two of the items received extensions and one was completed within the required timeframe. One remaining item received an additional extension due to wet conditions throughout the right of way inhibiting required heavy equipment access.
5/22/2020	1.2"-2.0" - 24 Hours *Additional rainfall from 5/21/2020	50		1		49	4 on 5/24/2020 to be completed on 5/27/2020 and 5/30/2020 (3 of the items received additional extensions to be completed on 6/2/2020)	15 on 5/22/2020	24 on 5/22/2020 7 on 5/23/2020 1 on 5/29/2020 (Ext. Request)	Fifty items were identified requiring ESC repair/maintenance and 47 were completed within the required timeframe. Four of the items received extensions and one was completed within the required timeframe. Three remaining items received additional extensions due to wet conditions throughout the right of way inhibiting required heavy equipment access. Temporary repairs were conducted and additional ESC measures were installed in the interim. One of the items was identified as an off right of way sediment impact approximately 15-feet off the right of way in an upland area. Erosion and sediment control measures were repaired/maintained and offsite sediment was retrieved and the impacted area was stabilized. No Environmental Resources were impacted.
5/23/2020	Trace-0.3" - 1 Hour *Additional rainfall from 5/22/2020	53			1 (Cattle)	52	1 on 5/24/2020 to be completed on 5/27/2020 and 6/1/2020.	14 on 5/23/2020 5 on 5/24/2020	27 on 5/23/2020 2 on 5/24/2020 2 on 5/25/2020 2 on 5/26/2020	Fifty-three items were identified requiring ESC repair/maintenance and 52 were completed within the required timeframe. One of the identified items was due to impacts caused by third parties. One remaining item received an additional extension due to wet conditions throughout the right of way inhibiting required heavy equipment access.
5/24/2020		21			1	20		1 on 5/24/2020	15 on 5/24/2020 5 on 5/25/2020	Twenty-one items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
5/25/2020	0.0"-1.0" - 5 Hours *Rainfall occurred on 5/24/2020	13				9			4 on 5/25/2020 7 on 5/26/2020 2 on 5/27/2020	Thirteen items were identified requiring ESC repair/maintenance and were completed within the required timeframe. Four of the identified items were due to impacts caused by third parties.
5/26/2020		14				14	3 on 5/29/2020 to be completed on 6/1/2020	2 on 5/26/2020 1 on 5/27/2020	3 on 5/26/2020 5 on 5/27/2020	Fourteen items were identified requiring ESC repair/maintenance and 11 were completed within the required timeframe. Three of the items received extensions due to wet conditions throughout the right of way inhibiting required heavy equipment access.
5/28/2020	0.5"-1.25" - 6 Hours *Rainfall occurred late on 5/27/2020	12				12			4 on 5/28/2020 8 on 5/29/2020	Twelve items were identified requiring ESC repair/maintenance and were completed within the required timeframe.
5/29/2020	0.0"-0.4" - 2 Hours *Rainfall occurred late on 5/28/2020	6				6			5 on 5/29/2020	Six items were identified requiring ESC repair/maintenance and 5 were completed within the required timeframe. One of the identified items has three days to complete.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
5/20/2020	1.2"-3.0" - 24 Hours *Additional rainfall from 5/19/2020	1				1		1 on 5/21/2020		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
5/22/2020	1.2"-2.0" - 24 Hours *Additional rainfall from 5/21/2020	1				1		1 on 5/22/2020		One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
5/26/2020		5		1		4	1 on 5/27/2020 to be completed upon landowner approval	4 on 5/26/2020		Five items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was identified as an offsite sediment impact approximately 15-feet off of the right of way within an upland area. Erosion and Sediment Control measures were repaired/augmented on the right of way. The impacted offsite location is currently under restricted access. Off right of way sediment cleanup and stabilization will occur once landowner approval is granted. No resources were impacted. Refer to Environmental Auditor Field Observations and Recommendations regarding recommendations related to enhancing the existing ESC measures that includes temporary stabilization.
5/27/2020		2				2		2 on 5/27/2020		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS

ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS		
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS
5/18/2020	The Environmental Auditor conducted site evaluations at the following locations: Museville Road (CIS), Rock Creek Road (GAS) and Snow Creek Road (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.
5/19/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Bonbrook Mill Road #2 (CIS/GAS) and Jones Mill Lane (CIS/GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and continued monitoring at certain locations.
5/21/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), MVP-FR-315 (CIS), Webster Road (CIS/GAS) and Brick Church Road (CIS)/MVP-FR-300.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair. *An ongoing heavy rainfall event continued from 5/18/2020. No offsite impacts or Environmental Resources were observed during the site evaluations.
5/28/2020	The Environmental Coordinator conducted site evaluations at the following locations: Rock Creek Road (GAS), Ramsey Memorial Road (GAS), Jacks Creek Road (GAS) and MVP-FR-313 (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair, enhanced BMPs to be installed and continued monitoring at certain locations.
5/29/2020	The Environmental Coordinator conducted site evaluations at the following locations: Webster Road (GAS), Anderson Mill Road #3 (GAS), and MVP-PI-325 (CIS/GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and/or enhanced BMPs to be installed.
5/18/2020-5/31/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.	The Environmental Auditor concludes that SWPPP inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.

REQUIRED FINDINGS AND CONCLUSIONS		
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes	
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes	
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes?	Yes	

Report Period Ending: 6/14/2020

Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 36 conducted from 6/1/2020 through 6/14/2020 (includes Transco Interconnect Station/H-602/H-603)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (6/1/2020 through 6/14/2020): 44 (includes Carry Over items)										
Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (6/1/2020 through 6/5/2020); 5 (6/8/2020 through 6/12/2020)										
Total Number of VA DEQ Observations (6/1/2020 through 6/14/2020): 14										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 1										
Total Number of Off Right of Way Impacts: 0										
Total Number of Environmental Resource Impacts: 0										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 6/1/2020 through 6/14/2020.										
CARRY OVER ITEMS FROM 4/19/2020 & 5/31/2020										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/13/2020	1.0"-4.0" - 14 Hours *Rainfall began on 4/12/2020 with intervals of High Intensity/Short Duration events	1		1			1 on 4/16/2020 to be completed upon Landowner and ACOE approval		1 on 6/8/2020	One item - Timber mats dislodged from a flooding event were retrieved.
5/18/2020		4				4	4 on 5/21/2020 to be completed on 5/24/2020, 5/27/2020 and 6/2/2020	4 on 6/1/2020 (Ext. Request)		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items received extension requests.
5/20/2020	1.2"-3.0" - 24 Hours *Additional rainfall from 5/19/2020	2				2	2 on 5/21/2020 to be completed on 5/26/2020 and 5/27/2020 and 6/2/2020	2 on 6/1/2020 (Ext. Request)		Two items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items received extension requests.
5/21/2020	1.5"-3.25" - 24 Hours *Additional rainfall from 5/20/2020	1				1	1 on 5/24/2020 to be completed on 5/27/2020, 5/30/2020 and 6/2/2020	1 on 6/1/2020 (Ext. Request)		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item received an extension request.
5/22/2020	1.2"-2.0" - 24 Hours *Additional rainfall from 5/21/2020	3				3	3 on 5/24/2020 to be completed on 5/27/2020, 5/30/2020 and 6/2/2020	1 on 6/1/2020 (Ext. Request) 2 on 6/2/2020 (Ext. Request)		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe. These items received extension requests.
5/23/2020	Trace-0.3" - 1 Hour *Additional rainfall from 5/22/2020	1				1	1 on 5/24/2020 to be completed on 5/27/2020, 6/1/2020 and 6/4/2020	1 on 6/2/2020 (Ext. Request)		One item was identified requiring ESC repair/maintenance and completed within the required timeframe. This item received an extension request.
5/26/2020		4		1		3	3 on 5/29/2020 to be completed on 6/1/2020 and 6/4/2020 1 offsite sediment impact to be completed upon landowner approval	3 on 6/1/2020 (Ext. Request) 1 on 6/3/2020 (Landowner approval received)		Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was an offsite sediment impact and received landowner approval to conduct clean up and stabilization. These items received extension requests.
5/29/2020	0.0"-0.4" - 2 Hours *Rainfall occurred late on 5/28/2020	1				1			1 on 6/1/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
4/13/2020		1								
6/1/2020		3				3		2 on 6/2/2020	1 on 6/3/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/2/2020		2				2			2 on 6/3/2020	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/3/2020		2				2		1 on 6/4/2020	1 on 6/3/2020	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/5/2020	0.0"- .70" - 1 Hour *Rainfall occurred late on 6/4/2020	6				6 (2 under review based on observations and recommendations provided by the Environmental Auditor to enhance ESC measures)			2 on 6/5/2020 3 on 6/8/2020 1 on 6/9/2020 (See Summary of Observations)	Six items were identified requiring ESC repair/maintenance. Four of the items were completed within the required timeframe. Two of the items were identified as observations and recommendations by the Environmental Auditor late afternoon on Friday (6/5/2020) to enhance ESC measures and required a site review by the Contractor. Both items were reviewed and completed by the Contractor Environmental team.
6/8/2020	0.0"-1.25" - 1.5 Hours *Rainfall occurred late on 6/5/2020	4				4 (2 under review based on observations and recommendations provided by the Environmental Auditor to enhance ESC measures)			1 on 6/8/2020 3 on 6/9/2020 (See Summary of Observations)	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe. Two of the items were identified as observations and recommendations by the Environmental Auditor to enhance ESC measures and required a site review by the Contractor. Both items were reviewed and completed by the Contractor Environmental team.
6/9/2020		3				3		1 on 6/9/2020	2 on 6/9/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/11/2020	0.0"-1.0" - 2 Hours *Sporadic showers occurred late 6/10/2020	6			1	5			2 on 6/11/2020 4 on 6/12/2020	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the identified items was due to impacts caused by third parties.

VADEQ OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/1/2020		1				1			1 on 6/3/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
6/4/2020		2				2		1 on 6/4/2020	1 on 6/4/2020	Two items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/5/2020	0.0"- .70" - 1 Hour *Rainfall occurred late on 6/4/2020	3				3		2 on 6/5/2020	1 on 6/5/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/9/2020	0.0"-1.25" - 1.5 Hours *Rainfall occurred late on 6/5/2020	3				3		1 on 6/10/2020	2 on 6/9/2020	Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/10/2020		5				5			5 on 6/10/2020	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
6/2/2020	The Environmental Auditor conducted site evaluations at US-220 (CIS) and Iron Ridge Road (CIS/GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair.	
6/3/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect Station (includes H-602 and H-603), Chalk Level Road (CIS/GAS), Mill Creek Road (CIS) and US-29 (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion control measures to be installed.	
6/5/2020	The Environmental Auditor conducted site evaluations at the following locations: Webster Road (CIS)/MVP-FR-315, Angle Plantation Road (CIS/GAS) and Bonbrook Mill Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion control measures to be installed.	
6/8/2020	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #2 (CIS), Cahas Mountain Road #1 (CIS), Leaning Oak Road (CIS) and Brick Church Road (CIS)/MVP-FR-300.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion control measures to be installed.	
6/11/2020	The Environmental Auditor conducted site evaluations at the following locations: US-220 (CIS), Webster Road (CIS/GAS) and Timber Ridge Road (CIS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion control measures to be installed.	
6/1/2020-6/14/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		

MOUNTAIN VALLEY PIPELINE
 SPREAD
 ENVIRONMENTAL AUDITOR BI-WEEKLY REPORT - 6/15/2020 - 6/28/2020

ENVIRONMENTAL AUDITOR CONTACT INFORMATION
 Joe Crea CPESC, CPSWQ
 Tetra Tech
 661 Andersen Drive, Suite 200, Pittsburgh PA 15220

Report Period Ending: 6/28/2020
 Report Prepared By: Joe Crea

SUMMARY OF FINDINGS										
Total Number of SWPPP Inspections: 24 conducted from 6/15/2020 through 6/28/2020 (includes Transco Interconnect Station/H-602/H-603)										
Total Number of Environmental Inspector (EI) Erosion and Sediment Control (ESC) Observations (6/15/2020 through 6/28/2020): 133										
Total Number of ODCP Inspections at Laydown Yard 045/46 : 5 (6/15/2020 through 6/19/2020); 5 (6/22/2020 through 6/26/2020)										
Total Number of VA DEQ Observations (6/15/2020 through 6/28/2020): 1										
Total Number of Landowner/Third Party Reported Complaints: 0										
Total Number of Right of Way Impacts Caused by Third Parties: 2										
Total Number of Off Right of Way Impacts: 1 (A high intensity/short duration event (0.75" within 30 minutes) occurred at the impacted area on 6/20/2020). No Environmental Resources were impacted.										
Total Number of Environmental Resource Impacts: 0										
Total Number of ESC Measures in Need of Routine Maintenance Not Maintained Within Timeframes Required by MVP's Annual Standards and Specifications or as Otherwise Provided in the Consent Decree: 0										
Based on the Environmental Auditor's observations, the resources available and deployed in the field, including environmental inspectors and the construction contractor, were sufficient to regularly and consistently repair ineffective BMP measures in a timely manner from 6/15/2020 through 6/28/2020.										

CARRY OVER ITEMS FROM 6/14/2020

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS

ENVIRONMENTAL INSPECTOR OBSERVATIONS

DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/15/2020	0.0"-0.6" - 4 Hours *Rainfall occurred on 6/14/2020	4				4			4 on 6/15/2020	Four items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/16/2020	0.4"-1.3" - 24 Hours *Prolonged rainfall event began on 6/15/2020	6				6			6 on 6/16/2020	Six items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/17/2020	2.1"-3.5" - 24 Hours *Additional rainfall from 6/16/2020	3				3		2 on 6/17/2020 1 on 6/18/2020		Three items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/18/2020	1.0" - 1.6" - 6 Hours *Additional rainfall from 6/17/2020	15			1	14		2 on 6/18/2020	8 on 6/18/2020 5 on 6/19/2020	Fifteen items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was related to impacts caused by third parties.
6/19/2020	0.1"-1.5" - 24 Hours *Additional rainfall from 6/18/2020	16				16		1 on 6/19/2020 1 on 6/20/2020	12 on 6/19/2020 2 on 6/20/2020	Sixteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/20/2020	0.0"-1.5" - 4 Hours *Additional rainfall from 6/19/2020 with heavier rainfall during a 30 minute interval.	18				18		7 on 6/20/2020	5 on 6/20/2020 6 on 6/22/2020	Eighteen items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/22/2020	0.0"-0.2" - 6 Hours (approx.) *Rainfall began late 6/21/2020	34		1		33		8 on 6/22/2020 6 on 6/23/2020	11 on 6/22/2020 9 on 6/23/2020	Thirty-four items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was identified as an offsite sediment impact approximately 10-feet off of the right of way within an upland area as a result of .75" of rainfall within .5 hours on 6/20/2020. Erosion and Sediment Control measures were repaired/enhanced on the right of way and the sediment deposit off right of way was removed. No resources were impacted. Refer to Environmental Auditor Field Observations and Recommendations regarding recommendations related to augmenting the existing ESC measures that includes temporary stabilization.
6/23/2020	0.0"-0.5" - 10 minutes *0.5 inches occurred late 6/22/2020 and recorded at one rain gauge	21				21		1 on 6/23/2020 4 on 6/24/2020	10 on 6/23/2020 6 on 6/24/2020	Twenty-one items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/24/2020	0.0"-0.4" - 1 Hour *Rainfall occurred on 6/23/2020	5				5			3 on 6/24/2020 2 on 6/25/2020	Five items were identified requiring ESC repair/maintenance and completed within the required timeframe.
6/25/2020		11			1	10		2 on 6/25/2020	7 on 6/25/2020 2 on 6/26/2020	Eleven items were identified requiring ESC repair/maintenance and completed within the required timeframe. One of the items was related to impacts caused by third parties.

VADEQ OBSERVATIONS										
DATE OF OBSERVATION	PRECIPITATION AMOUNT AND DURATION	TOTAL NUMBER OBSERVATIONS	ENVIRONMENTAL RESOURCE IMPACT	OFF RIGHT OF WAY IMPACT	RIGHT OF WAY IMPACTS CAUSED BY THIRD PARTIES	MAINTENANCE/ REPAIR	TOTAL NUMBER EXTENSION REQUEST(S)	DATE COMPLETED 24-HOURS	DATE COMPLETED THREE DAYS	SUMMARY OF OBSERVATIONS
6/24/2020	0.0"-0.4" - 1 Hour *Rainfall occurred on 6/23/2020	1				1			1 on 6/25/2020	One item was identified requiring ESC repair/maintenance and completed within the required timeframe.
LANDOWNER/THIRD PARTY REPORTED COMPLAINTS										
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE					TOTAL NUMBER OBSERVATIONS			SUMMARY OF OBSERVATIONS	
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS										
DATE OF OBSERVATION	OBSERVATIONS						CONCLUSION AND RECOMMENDATIONS			
6/15/2020	The Environmental Auditor conducted a site evaluation at Tobacco Road (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations.			
6/16/2020	The Environmental Auditor conducted site evaluations at the following locations: State Highway 40 (GAS), MVP-FR-320 (CIS/GAS), Jacks Creek Road (CIS) and Bonbrook Mill Road #2 (CIS/GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.			
6/17/2020	The Environmental Auditor conducted site evaluations at the following locations: Transco Interconnect/H-602, MVP-PI-340 (CIS/GAS), and Riddle Road (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.			
6/22/2020	The Environmental Auditor conducted site evaluations at the following locations: Jacks Creek Road (GAS), Indian Cave Road (CIS/GAS), Ramsey Memorial Road (CIS) and Rock Creek Road (GAS).						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.			
6/23/2020	The Environmental Auditor conducted site evaluations at the following locations: Anderson Mill Road #1 (CIS), Toshes Road (CIS) and Farm View Road (CIS)/MVP-FR-313.						The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.			
6/15/2020-6/28/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.						The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.			
REQUIRED FINDINGS AND CONCLUSIONS										
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).								
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes									
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes									
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes									

LANDOWNER/THIRD PARTY REPORTED COMPLAINTS			
DATE OF OBSERVATION	NEAREST ROAD OR FEATURE	TOTAL NUMBER OBSERVATIONS	SUMMARY OF OBSERVATIONS
ENVIRONMENTAL AUDITOR FIELD OBSERVATIONS AND RECOMMENDATIONS			
DATE OF OBSERVATION	OBSERVATIONS	CONCLUSION AND RECOMMENDATIONS	
6/29/2020	The Environmental Auditor conducted a site evaluations at the following locations: US-220 (CIS), Foggy Ridge Road (CIS/GAS) and Brick Church Road (GAS).	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.	
6/30/2020	The Environmental Auditor conducted site evaluations at the following locations: Cahas Mountain Road #1 (GAS), Grassy Hill Road (CIS/GAS), Green Level Road (GAS) and Brick Church Road (CIS)/MVP-FR-300.	The Environmental Auditor observed areas where ESC measures were installed and functional at the time of the evaluations. The Environmental Auditor communicated with the LEI regarding observations and recommendations where ESC measures required maintenance/repair and enhanced erosion and sediment control measures to be installed.	
6/29/2020-6/30/2020	The Environmental Auditor reviewed and noted the daily MVP Punchlists, ODC reports and SWPPPs to be compliant during this reporting period for the Spread I Project.	The Environmental Auditor concludes that SWPPP Inspections meet inspection timeframe requirements and recommends continual BMP monitoring throughout the Spread I Project. Based on the SWPPP, MVP Punchlist findings and communication with the Lead Environmental Inspector, the Spread I Project appears to meet the MVP Annual Standards and Specifications as required by the Virginia Erosion and Sediment Control Law (VESCL) and the Stormwater Management Act Linear Entity.	
REQUIRED FINDINGS AND CONCLUSIONS			
	Yes/No	If No, provide explanation and recommendation for corrective action (if any).	
Best management practices for the Project are in accordance with MVP's Annual Standards and Specifications and MVP's Site Specific ESC and SWM Plans?	Yes		
The temporary erosion and sediment control measures are properly installed, inspected, and maintained?	Yes		
All Ineffective Temporary Erosion and Sediment Control Measures are repaired and ESC Measures in Need of Routine Maintenance are maintained within the required timeframes ?	Yes		